

[40121/01201]

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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**Serial No.** : **To Be Assigned**

**Filing Date** : **Herewith**

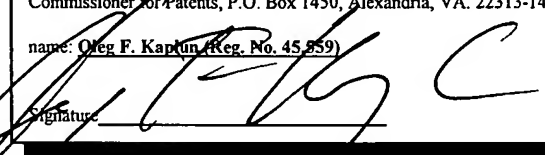
**For** : **Superconductor Current Limiting System and Method**

**Group Art Unit** : **To Be Assigned**

**Examiner** : **To Be Assigned**

Mail Stop: PCT  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

**Please associate this application with  
 Customer No. 30636**

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name:	<u>Oleg F. Kapton (Reg. No. 45,559)</u>
Signature:	

**U.S. NATIONAL PHASE PATENT APPLICATION TRANSMITTAL**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

International Application No.: **PCT/AU2004/000906**

International Filing Date: **6 July 2004**

Priority Application No.: **AU Patent Appln. Serial No. 2003903489**

Priority Date Claimed: **7 July 2003**

Applicant(s) for DO/EO/US: **Francis Anthony DARMANN**

Title of Invention:

**Superconductor Current Limiting System and Method**

**Applicant's Statements:**

1. This is a first submission of items concerning a filing under 35 U.S.C. 371.
2. This is express request to begin national examination procedures (35 U.S.C. 371(f)).
3. A copy of the International Application as filed has been transmitted by the International Bureau.

**Enclosed herewith please find the following:**

1. 1 sheet of Title Page, 18 sheets of Specification, 2 sheets of Claims and 1 sheet of Abstract.
2. 11 sheets of Drawings.
3. 37 sheets of PCT Published Application No. WO 2005/004299 A1 including International Search Report.
4. 3 sheets of PCT Request PCT/RO/101.
5. 2 sheets of executed Declaration.
6. 2 sheets of executed Assignment along with 1 sheet of Recordation Cover Sheet and a check in the amount of \$40.00.
7. 1 sheet of PTO-Form 2038.
8. 4 sheets of Preliminary Amendment.
9. Return Receipt Postcard.


Please associate Correspondence Address and Attorney Docket No. 40121/01201 with Customer No. 30636.

**Priority Claim:**

This application claims the benefit of PCT Application Serial No. PCT/AU2004/000906 filed on July 6, 2004 which claims the benefit of AU Patent Application Serial No. 2003903489 filed on July 7, 2003, both specifications are expressly incorporated herein, in their entirety, by

reference.

Please charge the Credit Card of **Fay Kaplun & Marcin, LLP** (PTO 2030 form is enclosed) in the amount of **\$1,000.00** for the filing fee calculated as shown below:

	NUMBER FILED	NUMBER EXTRA	Rate (\$)	FEE (\$)
PATENT APPLICATION - BASIC FEE				300.00
SEARCH FEE				400.00
EXAMINATION FEE				200.00
TOTAL CLAIMS	8 - 20 =	0	50.00	0.00
INDEPENDENT CLAIMS	3 - 3 =	0	200.00	0.00
MULTIPLE DEPENDENT CLAIM PRESENT				0.00
*Number extra must be zero or larger			TOTAL	\$1,000.00
If applicant is a small entity under 37 C.F.R. §§ 1.9 and 1.27, then divide total fee by 2, and enter amount here.				SMALL ENTITY TOTAL

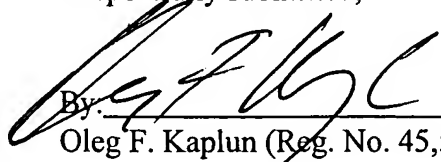
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The Commissioner is hereby authorized to charge the payment of any additional fees associated with this communication or arising during the pendency of this application, with the exception of the issue fee, to the Deposit Account of **Fay Kaplun & Marcin, LLP No. 50-1492**.

When payment of the issue fee has previously been provided or authorized, the Commissioner is hereby authorized to charge any post issuance fees required, except for patent maintenance fees, to the Deposit Account of **Fay Kaplun & Marcin, LLP No. 50-1492**. A copy of this transmittal letter is enclosed for Deposit Account purposes.

Respectfully submitted,

Date: December 21, 2005

By:   
 Oleg F. Kaplun (Reg. No. 45,559)

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Ref. No.: 39195USP00  
Docket No.: 40121/01201

# U.S. PATENT APPLICATION

For

**SUPERCONDUCTOR CURRENT LIMITING SYSTEM AND METHOD**

Inventor(s):

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Prepared by:

**FAY KAPLUN & MARCIN, LLP**

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Date of Deposit December 21, 2005

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Signature: 